



PATENT
Customer No. 22,852
Attorney Docket No. 09140-0025-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
David DAWES)	Group Art Unit: 2883
)	
Application No.: 10/650,461)	Examiner: Frank G. FONT
)	
Filed: August 27, 2003)	Confirmation No.: 7106
)	
For: OPTICALLY COUPLING INTO)	
HIGHLY UNIFORM)	
WAVEGUIDES)	

Mail Stop AMENDMENTS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached Form PTO/SB/08. This Information Disclosure Statement is being filed, to the undersigned's knowledge, before the mailing date of a first Office Action on the merits for the above-referenced application.

These documents include U.S. patents and applications that are possibly related to the pending application by subject matter, as summarized in the chart below. This submission should not be construed, however, as an admission of relatedness.

U.S. Patent Application No. 10/650,461

Attorney Docket No. 09140-0025-00

Customer No. 22,852

Attorney Docket Number	U.S. Patent/ Serial No.	U.S./PCT Publication No.	Title	Examiner
09140-0002-01	6,506,289	US 2002/0033330 A1	Planar optical devices and methods for their manufacture	Steven H. VERSTEEG
09140-0004-00	6,533,907	US 2002/0134671 A1	Method of Producing amorphous silicon for hard mask and waveguide applications	Steven H. VERSTEEG
09140-0014-00	09/903,081	US 2003/0063883 A1	As-deposited planar optical waveguides with low scattering loss and methods for their manufacture	John M. HOFFMANN
09140-0015-00	10/101,492	US 2003/0173208 A1	Mode size converter for a planar waveguide	Steven H. VERSTEEG
09140-0016-00	10/101,863	US 2003/0173207 A1	Biased pulse DC reactive sputtering of oxide films	Michelle ESTRADA
09140-0016-01	10/954,182		Biased pulse DC reactive sputtering of oxide films	Not Yet Assigned
09140-0017-00	10/101,341	US 2003/0175142 A1	Rare-earth pre-alloyed PVD targets for dielectric planar applications	Daniel J. JENKINS
09140-0021-00 (abandoned)	10/101,493	US 2003/0174391 A1	Gain flattened optical amplifier	Deandra M. HUGHES
09140-0025-00 (present application)	10/650,461	US 2004/0105644 A1 WO 2004/021532 A1	Optical Coupling into Highly Uniform Waveguides	Frank G. FONT
09140-0030-00	10/789,953	US 2005/0006768 A1 WO 2004/077519 A2	Dielectric Barrier Films	Remmon R. FORDE
09140-0033-00	10/851,542	US 2004/0259305 A1	Energy Conversion and Storage Devices by Physical Vapor Deposition of Titanium and Titanium Oxides and Sub-Oxides	Lynne Ann GURLEY

U.S. Patent Application No. 10/650,461

Attorney Docket No. 09140-0025-00

Customer No. 22,852

Attorney Docket Number	U.S. Patent/ Serial No.	U.S./PCT Publication No.	Title	Examiner
09140-0034-00	10/850,968	US 2005/0000794 A1	Transparent Conductive Oxides from a Metallic Target	Marianne L. PADGETT

Copies of U.S. Patents and U.S. Patent Publications are not provided. Copies of foreign patent documents and non-patent literature documents are included herewith.

U.S. Patent Application No. 10/954,182 (Attorney Docket No. 09140-0016-01) is a continuation of U.S. Patent Application No. 10/101,863 (Attorney Docket No. 09140-0016-00) and has the same specification. Therefore Applicant does not submit another copy of the 182' application.

Applicant submits copies of Office Actions issued by the U.S. Patent and Trademark Office in the above-listed applications and Applicant's responses to these office actions. Applicant also submits International Search Reports and Written Opinions issued in the Patent Cooperation Treaty applications corresponding to the U.S. Patent Applications listed above.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

U.S. Patent Application No. 10/650,461
Attorney Docket No. 09140-0025-00
Customer No. 22,852

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

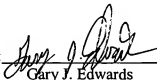
If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

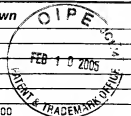
FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: February 9, 2005

By:



Gary J. Edwards
Reg. No. 41,008

US Form PTO SB 33 Substitution form 1448A PTO				Complete if Known 	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/650,461
				Filing Date	August 27, 2003
				First Named Inventor	DAWES.
				Art Unit	2883
				Examiner Name	Frank G. FONT
Sheet	1	of	12	Attorney Docket Number	09140-0025-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US 2001/0027159 A1	Oct. 4, 2001	Kaneyoshi	
		US 2002/0033330 A1	Mar. 21, 2002	Demaray et al.	
		US 2002/0106297 A1	Aug. 8, 2002	Ueno et al.	
		US 2002/0134671 A1	Jul. 17, 2003	Demaray et al.	
		US 2002/0170821 A1	Nov. 21, 2002	Sandlin et al.	
		US 2003/0019326 A1	Jan. 30, 2003	Han et al.	
		US 2003/0022487 A1	Jan. 30, 2003	Yoon et al.	
		US 2003/0042131 A1	Mar. 6, 2003	Johnson	
		US 2003/0077914 A1	Apr. 24, 2003	Le et al.	
		US 2003/0079838 A1	May 1, 2003	Brcka	
		US 2003/0097858 A1	May 29, 2003	Strohhofer et al.	
		US 2003/0141186 A1	Jul. 31, 2003	Wang et al.	
		US 2003/0173207 A1	Sep. 18, 2003	Zhang et al.	
		US 2003/0173208 A1	Sep. 18, 2003	Pan et al.	
		US 2003/0174391 A1	Sep. 18, 2003	Pan et al.	
		US 2003/0175142 A1	Sep. 18, 2003	Milonopoulou et al.	
		US 2003/0175142 A1	Sep. 18, 2003	Milonopoulou et al.	
		US 2004/0259305 A1	Dec. 23, 2004	Demaray et al.	
		US 2005/0000794 A1	Jan. 6, 2006	Demaray et al.	
		US 2005/0006768 A1	Jan. 13, 2005	Narasimhan et al.	
		US 3,616,403	Oct. 26, 1971	Collins et al.	
		US 3,850,604	Nov. 26, 1974	Klein	
		US 4,111,523	Sep. 5, 1978	Kaminow et al.	
		US 4,437,966	Mar. 7, 1961	Hope et al.	
		US 4,619,680	Oct. 28, 1986	Nourshargh et al.	
		US 4,710,940	Dec. 1, 1987	Sipes, Jr.	
		US 4,785,459	Nov. 15, 1988	Baer	
		US 4,915,810	Apr. 10, 1990	Kestigian et al.	
		US 4,978,437	Dec. 18, 1990	Wirz	
		US 5,085,904	Feb. 4, 1992	Deak et al.	
		US 5,107,538	Apr. 21, 1992	Benton et al.	
Examiner Signature	/Peter Radkowski/			Date Considered	10/10/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.R./

US Form PTO SB 38 Substituted for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10 650,461
				Filing Date	August 27, 2003
				First Named Inventor	DAWES.
				Art Unit	2883
				Examiner Name	Frank G. FONT
Sheet	2	of	12	Attorney Docket Number	09140-0025-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No.	Document Number	Issue or Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If Known)	MM-DD-YYYY		
		US 5,119,460	Jun. 2, 1992	Bruce et al.	
		US 5,174,876	Dec. 29, 1992	Buchal et al.	
		US 5,196,041	Mar. 23, 1993	Tumminelli et al.	
		US 5,200,029	Apr. 6, 1993	Bruce et al.	
		US 5,206,925	Apr. 27, 1993	Nakazawa et al.	
		US 5,225,288	Jul. 6, 1993	Beeson et al.	
		US 5,237,439	Aug. 17, 1993	Misono et al.	
		US 5,252,194	Oct. 12, 1993	Demaray et al.	
		US 5,287,427	Feb. 15, 1994	Atkins et al.	
		US 5,303,319	Apr. 12, 1994	Ford et al.	
		US 5,306,569	Apr. 26, 1994	Hiraki	
		US 5,355,089	Oct. 11, 1994	Treger	
		US 5,381,262	Jan. 10, 1995	Arima et al.	
		US 5,427,669	Jun. 27, 1995	Drummond	
		US 5,457,569	Oct. 10, 1995	Liou et al.	
		US 5,475,528	Dec. 12, 1995	LaBorde	
		US 5,483,613	Jan. 9, 1996	Bruce et al.	
		US 5,499,207	Mar. 12, 1996	Miki et al.	
		US 5,555,127	Sep. 10, 1996	Abdelkader et al.	
		US 5,563,979	Oct. 8, 1996	Bruce et al.	
		US 5,565,071	Oct. 15, 1996	Demaray et al.	
		US 5,591,520	Jan. 7, 1997	Migliorini et al.	
		US 5,603,816	Feb. 18, 1997	Demaray et al.	
		US 5,607,560	Mar. 4, 1997	Hirabayashi et al.	
		US 5,607,789	Mar. 4, 1997	Treger et al.	
		US 5,613,995	Mar. 25, 1997	Bhandarkar et al.	
		US 5,654,054	Aug. 5, 1997	Tropsha et al.	
		US 5,654,984	Aug. 5, 1997	Hershberger et al.	
		US 5,686,360	Nov. 11, 1997	Harvey, III et al.	
		US 5,693,956	Dec. 2, 1997	Shi et al.	
		US 5,718,813	Feb. 17, 1998	Drummond	
Examiner Signature	/Peter Radkowski/			Date Considered	10/10/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.R./

US Form PTO SB 08 Subtitle for form 1448A PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/650,461
				Filing Date	August 27, 2003
				First Named Inventor	DAWES.
				Art Unit	2883
				Examiner Name	Frank G. FONT
Sheet	3	of	12	Attorney Docket Number	09140-0025-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner's Initials	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US 5,719,976	Feb. 17, 1998	Henry et al.	
		US 5,731,661	Mar. 24, 1998	So et al.	
		US 5,755,938	May 26, 1998	Fukui et al.	
		US 5,757,126	May 26, 1998	Harvey, III et al.	
		US 5,762,768	Jun. 9, 1998	Goy et al.	
		US 5,771,562	Jun. 30, 1998	Harvey, III et al.	
		US 5,792,550	Aug. 11, 1998	Phillips et al.	
		US 5,811,177	Sep. 22, 1998	Shi et al.	
		US 5,830,330	Nov. 3, 1998	Lantsman	
		US 5,831,262	Nov. 3, 1998	Greywall et al.	
		US 5,841,931	Nov. 24, 1998	Foresi et al.	
		US 5,847,865	Dec. 8, 1998	Gopinath et al.	
		US 5,849,163	Dec. 15, 1998	Ichikawa et al.	
		US 5,853,830	Dec. 29, 1998	McCaulley et al.	
		US 5,855,744	Jan. 5, 1999	Halsey et al.	
		US 5,870,273	Feb. 9, 1999	Sogabe et al.	
		US 5,882,946	Mar. 16, 1999	Otani	
		US 5,900,057	May. 4, 1999	Buchal et al.	
		US 5,930,584	Jul. 27, 1999	Sun et al.	
		US 5,942,089	Aug. 24, 1999	Sproul et al.	
		US 5,948,215	Sep. 7, 1999	Lantsman	
		US 5,952,778	Sep. 14, 1999	Haskal et al.	
		US 5,961,682	Oct. 5, 1999	Lee et al.	
		US 5,966,491	Oct. 12, 1999	DiGiovanni	
		US 5,977,582	Nov. 2, 1999	Fleming et al.	
		US 6,001,224	Dec. 14, 1999	Drummond	
		US 6,004,660	Dec. 21, 1999	Topolski et al.	
		US 6,024,844	Feb. 15, 2000	Drummond et al.	
		US 6,046,081	Apr. 4, 2000	Kuo	
		US 6,051,114	Apr. 18, 2000	Yao et al.	
		US 6,051,296	Apr. 18, 2000	McCaulley et al.	
Examiner Signature	/Peter Radkowski/			Date Considered	10/10/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.R./

US Form PTO SB 00 Substitution form 1448A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10,650,461
				Filing Date	August 27, 2003
				First Named Inventor	DAWES.
				Art Unit	2883
				Examiner Name	Frank G. FONT
Sheet	4	of	12	Attorney Docket Number	09140-0025-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US 6,057,557	May 2, 2000	Ichikawa	
		US 6,058,233	May 2, 2000	Dragone	
		US 6,071,323	Jun. 6, 2000	Kawaguchi	
		US 6,077,642	Jun. 20, 2000	Ogata et al.	
		US 6,080,643	Jun. 27, 2000	Noguchi et al.	
		US 6,093,944	Jul. 25, 2000	VanDover	
		US 6,106,933	Aug. 22, 2000	Nagai et al.	
		US 6,146,225	Nov. 14, 2000	Sheats et al.	
		US 6,157,765	Dec. 5, 2000	Bruce et al.	
		US 6,162,709	Dec. 19, 2000	Raux et al.	
		US 6,165,566	Dec. 26, 2000	Tropsha	
		US 6,176,986 B1	Jan. 23, 2001	Watanabe et al.	
		US 6,197,167 B1	Mar. 6, 2001	Tanaka	
		US 6,198,217 B1	Mar. 6, 2001	Suzuki et al.	
		US 6,204,111 B1	Mar. 20, 2001	Uemoto et al.	
		US 6,210,544 B1	Apr. 3, 2001	Sasaki	
		US 6,214,660 B1	Apr. 10, 2001	Uemoto et al.	
		US 6,236,793 B1	May 22, 2001	Lawrence et al.	
		US 6,248,291 B1	Jun. 19, 2001	Nakagama et al.	
		US 6,248,640 B1	Jun. 19, 2001	Nam	
		US 6,261,917 B1	Jul. 17, 2001	Quek et al.	
		US 6,280,585 B1	Aug. 28, 2001	Obinata et al.	
		US 6,287,986 B1	Sep. 11, 2001	Mihara	
		US 6,290,822 B1	Sep. 18, 2001	Fleming et al.	
		US 6,300,215 B1	Oct. 9, 2001	Shin	
		US 6,302,939 B1	Oct. 16, 2001	Rabin et al.	
		US 6,344,419 B1	Feb. 5, 2002	Forster et al.	
		US 6,350,353 B2	Feb. 26, 2002	Gopalraja et al.	
		US 6,358,810 B1	Mar. 19, 2002	Dornfest et al.	
		US 6,365,319 B1	Apr. 2, 2002	Heath et al.	
		US 6,409,965 B1	Jun. 25, 2002	Nagate et al.	
Examiner Signature	/Peter Hackowski/			Date Considered	10/10/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.R./

IDS Form PTO SB 08 Substitution for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/650,461
				Filing Date	August 27, 2003
				First Named Inventor	DAWES.
				Art Unit	2883
				Examiner Name	Frank G. FONT
Sheet	5	of	12	Attorney Docket Number	09140-0025-00000

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No.	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US 6,413,382 B1	Jul. 2, 2002	Wang et al.	
		US 6,413,645 B1	Jul. 2, 2002	Graff et al.	
		US 6,416,598 B1	Jul. 9, 2002	Sircar	
		US 6,423,776 B1	Jul. 23, 2002	Akkapeddi et al.	
		US 6,433,380 B2	Aug. 13, 2002	Shin	
		US 6,444,750 B1	Sep. 3, 2002	Touhsaent	
		US 6,488,822 B1	Dec. 3, 2002	Moslehi	
		US 6,506,289 B1	Jan. 14, 2003	Demaray et al.	
		US 6,511,615 B1	Jan. 28, 2003	Dawes et al.	
		US 6,533,907 B1	Mar. 18, 2003	Demaray et al.	
		US 6,537,428 B1	Mar. 25, 2003	Xiong et al.	
		US 6,563,998 B1	May 13, 2003	Farah et al.	
		US 6,576,546 B2	Jun. 10, 2003	Gilbert et al.	
		US 6,602,338 B2	Aug. 5, 2003	Chen et al.	
		US 6,605,228 B1	Aug. 12, 2003	Kawaguchi et al.	
		US 6,615,614 B1	Sep. 9, 2003	Makikawa et al.	
		US 6,750,156 B2	Jun. 15, 2004	Le et al.	

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ³
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0 510 883 A2	10/28/1992	AT&T		
		EP 0 820 088 A2	01/21/1998	Applied Komatsu Technology, Inc.		
		EP 0 867 985 B1	09/01/1998	Nederlandse Organisatie Voor Toegepast- Natuurwetenschappelijk Onderzoek Tno		
		EP 1 189 080 A2	03/20/2002	Agere Systems Optoelectronics Guardian Corporation		
		JP 2-054764 A2	02/23/1990	Leybold AG		Abstract

Examiner Signature	/Peter Hachowski/	Date Considered	10/10/2008
--------------------	-------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.R./

DS Form PTO SB 35 Substitution for form 1448A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/650,487
				Filing Date	August 27, 2003
				First Named Inventor	DAWES.
				Art Unit	2883
				Examiner Name	Frank G. FONT
				Attorney Docket Number	09140-0025-00000
Sheet	6	of	12		

FOREIGN PATENT DOCUMENTS					
	JP 6-010127 A	01/18/1994	Ulvac Japan Ltd		Abstract
	JP 6-100333 A	12/04/1994	Kobe Steel Ltd.		Abstract
	WO 96/23085 A1	08/01/1996	Applied Komatsu Technology, Inc.		
	WO 97/35044 A1	09/25/1997	Material Research Corporation		
	WO 00/21898 A1	04/01/2000	Samsung Electronics Co., Ltd.		
	WO 00/22742 A2	04/01/2000	Fiver Laboratories		
	WO 00/36665 A1	06/22/2000	Battelle Memorial Institute		
	WO 2004/021532 A1	03/11/2004	Symorphix, Inc.		
	WO 2004/077519 A2	09/10/2004	Narasimhan et al.		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation*	
		AFFINITO et al., "PML/oxide/PML Barrier Layer Performance Differences Arising from Use of UV or Electron Beam Polymerization of the PML Layers," <i>Thin Solid Films</i> Vol. 308-309, pp. 19-25 (1997)		
		AFFINITO et al., "Polymer-Oxide Transparent Barrier Layers," Society of Vacuum Coaters, 39th Ann. Technical Conference Proceedings, May 5-10, 1996, Philadelphia, PA, pp. 392-397 (1996).		
		ALDER, T. et al., "High-Efficiency Fiber-to-Chip Coupling Using Low-Loss Tapered Single-Mode Fiber," <i>IEEE Photonics Technology Letters</i> , 12(8):1016-1018, (2000).		
		ALMEIDA, Vilson R. et al., "Nanotaper for compact mode conversion," <i>Optics Letters</i> , 28(15):1302-1304, (2003).		
		ASGHARI et al., "ASOC--A Manufacturing Integrated Optics Technology," Part of the SPIE Conference on Integrated Optics Devices III, vol. 3620, pp. 252-262 (Jan. 1999).		
		BARBIER et al., "Amplifying Four-Wavelength Combiner, Based on Erbium/Etterbium-Doped Waveguide Amplifiers and Integrated Splitters", <i>IEEE PHOTONICS TECHNOLOGY LETTERS</i> , Vol. 9, pp 315-317 (1997).		
		BARBIER, Denis, "Performances and potential applications of erbium doped planar waveguide amplifiers and lasers," <i>GeeO</i> , pp. 58-63 (date unknown).		
		BELKIND et al., "Using pulsed direct current power for reactive sputtering of Al ₂ O ₃ ," <i>J. Vac. Sci. Technol. A</i> 17(4), pp. 1934-40 (Jul. 1999).		
		BESTWICK, T., "ASOC silicon integrated optics technology," Part of the SPIE Conferences on Photonics Packaging and Integration, SPIE vol. 3631, pp. 182-190 (Jan. 1999).		
		BORSELLA et al., "Structural incorporation of silver insoda-lime glass by the ion-exchange process: a photoluminescence spectroscopy study", <i>Applied Physics A</i> 71, pp. 125-132 (2000).		
		BYER et al., "Nonlinear Optics and Solid-state Lasers," <i>IEEE Journal on Selected Topics in Quantum Electronics</i> , Vol. 6, No. 6, pp. 921-929 (Nov. 2000).		

Examiner Signature	/Peter Radkowski/	Date Considered	10/10/2008
--------------------	-------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.R./

IDS Form PTO SB 38 Substitute for form 1448A PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/650,461
				Filing Date	August 27, 2003
				First Named Inventor	DAWES.
				Art Unit	2883
				Examiner Name	Frank G. FONT
Sheet	7	of	12	Attorney Docket Number	09140-0025-00000

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		Translation*
		CAMPBELL et al., "Titanium dioxide (TiO ₂)-based gate insulators," <i>IBM J. Res. Develop.</i> 43(3), 383-391, (May 1999).		
		CHANG, C.Y. (edited by), "ULSI Technology," The McGraw-Hill Companies, Inc., New York, 1996, Chapter 4, pp. 169-170, 226-231 (1996).		
		CHEN et al. "Development of Supported Bifunctional Electrocatalysts for Unitized Regenerative Fuel Cells," <i>Journal of the Electrochemical Society</i> , 149(8), A1092-99, (2002).		
		CHOI et al., "Er-Al-codoped silicate planar light waveguide-type amplifier fabricated by radio-frequency sputtering," <i>Optics Letters</i> , vol. 25, No. 4, pp. 263-265 (Feb. 15, 2000).		
		COOKSEY et al. "Predicting Permeability & Transmission Rate for Multilayer Materials," <i>Foodtechnology</i> , Vol. 53, No. 9, pp. 60-63 (September 1999).		
		DELAVALUX et al., "Integrated optics erbium ytterbium amplifier system in 10 Gb/s fiber transmission experiment", 22nd European Conference on Optical Communication - ECOC'96, Oslo, 4 pages (1996).		
		Distributed Energy Resources: Fuel Cells, Projects, http://www.eere.energy.gov/der/fuel_cells/projects.html (2003).		
		DuPont Teijin Films, Mylar 200 SBL 300, Product Information (2000).		
		Electrometals Technologies Limited, Financial Report for the year 2002, Corporate Directory, Chairman's Review, Review of Operations (2002).		
		E-Tek website: FAQ, Inside E-Tek, E-Tek News, Products; http://www.etek-inc.com/ (2003).		
		FLYTZANIS et al., "nonlinear Optics in Composite Materials," E. Wolf, Progress in Optics XXIX (c) Elsevier Science Publishers B.V., pp. 323-425 (1991).		
		FRAZAO et al., "EDFA Gain Flattening Using Long-Period Fibre Gratings Based on the Electric Arc Technique," (date unknown).		
		FUJII et al., "1.54 nm photoluminescence of Er ³⁺ doped into SiO ₂ films containing Si nanocrystals: Evidence for energy transfer from Si nanocrystals for Er ³⁺ ," <i>Appl. Phys. Lett.</i> , Vol. 71 (9), pp. 1198-1200 (Sept. 1997).		
		GARCIA, C. "Size Dependence of Lifetime and Absorption Cross Section of Si Nanocrystals Embedded in SiO ₂ ," <i>Appl. Phys. Lett.</i> , Vol. 82, No. 10, pp. 1595-7 (March 10, 2003).		
		GOOSSENS et al., "Sensitization of TiO ₂ with p-type semiconductor polymers," Delft Interfaculty Research Center, Delft University of Technology Laboratory of Inorganic Chemistry, The Netherlands (1998).		
		HAN, Hak-Seung et al., "Optical Gain at 1.54 μ m in Erbium-Doped Silicon Nanocluster Sensitized Waveguide," <i>Appl. Phys. Lett.</i> , Vol. 79, No. 27, pp. 4568-70 (December 31, 2001).		
		HAYAKAWA et al., "Field enhancement effect of small Ag particles on the fluorescence from Eu ³⁺ -doped SiO ₂ glass", <i>Appl. Phys. Lett.</i> , Vol. 74, No 11, pp. 1513-1515 (15 March 1999).		
		HAYAKAWA et al., "Enhanced fluorescence from Eu ³⁺ owing to surface plasma oscillation of silver particles in glass", <i>Journal of Non-Crystalline Solids</i> , Vol. 259, pp. 16-22 (1999).		
		HAYFIELD, P.C.S., "Development of a New Material-Monolithic Ti407 Ebonix Ceramic," Royal Society Chemistry," (2002).		

Examiner Signature	/Peter Radkowski/	Date Considered	10/10/2008
--------------------	-------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.R./

US Patent PTO SB 33 Substitute for form 1448A PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/650,461
				Filing Date	August 27, 2003
				First Named Inventor	DAWES.
				Art Unit	2883
				Examiner Name	Frank G. FONT
Sheet	8	of	12	Attorney Docket Number	09140-0025-00000

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		Translation
		HEHLEN et al. "Spectroscopic Properties of Er ³⁺ - and Yb ³⁺ -doped Soda-Lime Silicate and Aluminosilicate Glasses," <i>Physical Review B</i> , Vol. 56, No. 15, pp. 9302-9318 (October 15 1997).		
		HEHLEN et al. "Uniform Upconversion in High-Concentration Er ³⁺ -doped Soda Lime Silicate and Aluminosilicate Glasses," <i>Optics Letters</i> , Vol. 22, No. 11, pp. 772-774 (June 1, 1997).		
		HORST et al., "Compact, Tunable Optical Devices in Silicon-Oxynitride Wave Guide Technology," IBM Research Division, 3 pages (1999).		
		HUBNER, J. and Guldberg-Kjaer, S., "Planar Er-and Yb-Doped Amplifiers and Lasers," COM Technical University of Denmark, 10.sp.th European Conf. On Integrated Optics, Session WeB2, pp. 71-74 (2001).		
		ITOH, M. et al., "Large reduction of singlemode-fibre coupling loss in 1.5% delta planar lightwave circuits using spot-size converters," <i>Electronics Letters</i> , 38(2):72-74 (2002).		
		JACKSON et al. "An Accurate Compact EDFA Model," Dept. of Electrical and Computer Engineering, University of BC (date unknown).		
		JANSSEN et al. "Photoinduced electron transfer from conjugated polymers onto nanocrystalline TiO ₂ ," Eindhoven University of Technology, The Netherlands (date unknown).		
		JOHNSON, J.E. et al., "Monolithically Integrated Semiconductor Optical Amplifier and Electroabsorption Modulator with Dual-Waveguide Spot-Size Converter Input," <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , Vol. 6(1) pp. 19-25 (2000).		
		KATO et al., "Recent progress on PLC hybrid integration," Part of the SPIE Conference on Optoelectric Integrated Circuits III, SPIE. vol. 3631, pp. 28-36 (Jan. 1999).		
		KATO, Kuniharu et al., "PLC Hybrid Integration Technology and Its Application to Photonic Components," <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , Vol. 6(1), pp. 4-13 (2000).		
		KELLY et al., "Reactive pulsed magnetron sputtering process for alumina films," <i>J. Vac. Sci. Technol. A</i> 18(6), pp. 2890-96 (Nov. 2000).		
		KELLY et al., "Control of the structure and properties of aluminum oxide coatings deposited by pulsed magnetron sputtering," <i>J. Vac. Sci. Technol. A</i> 17(3), pp. 945-953 (May 1999).		
		KIK, P.G. et al. "Gain Limiting Processes in Er-doped Si Nanocrystal Waveguides in SiO ₂ ," <i>J. Appl. Phys.</i> , Vol. 91, No. 1, pp. 534-536 (January 1, 2002).		
		KIM et al. "Frequency-dependent pulsed direct current magnetron sputtering of titanium oxide films," <i>J. Vac. Sci. Technol. A</i> 19(2); 429-434 (March 2001).		
		KIM et al. "Mixture Behaviour and Microwave Dielectric Properties in the Low-fired TiO ₂ -CuO System," <i>Jpn. J. Appl. Phys.</i> , 39, 2696-2700, (2000).		
		LADOUCEUR, F. et al., "Effect of side wall roughness in buried channel waveguides," <i>IEEE Proc.</i> , vol. 141, pp. 242-248 (Aug. 1994).		
		LADOUCEUR, F. et al., "8.8 Evaluation of Results", <u>Silica-based Buried Channel Waveguides and Devices</u> , Chapman & Hall, London, pp. 98-99 (1996).		
		LAMB, William B., "Designing Nonfoil Containing Skins for VIP Applications," DuPont VIA Symposium Presentation, (1999).		

Examiner Signature	/Peter Radkowski/	Date Considered	10/10/2008
--------------------	-------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.R./

US Form PTO SB 33 Substitute for form 1449A PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/650,461
				Filing Date	August 27, 2003
				First Named Inventor	DAWES.
				Art Unit	2883
				Examiner Name	Frank G. FONT
Sheet	9	of	12	Attorney Docket Number	09140-0025-0000

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation*	
		LAMB, William et al. "Designing Non-Foil Containing Skins for Vacuum Insulation Panel (VIP) Applications," <i>Photo</i> , Vol. XXVIII, No. 1-2 - Gennaio-Giugno 1999, pp. 55-58 (1999).		
		LONGE et al. "High Gain Ultra-Short Length Phosphate glass Erbium-Doped Fiber Amplifier Material," <i>OSA Optical Fiber Communications (OFC)</i> , 3 pages (2002).		
		LAPORTA et al. "Diode-pumped cw bulk Er: Yb: glass laser", <i>1992 Optics Letters</i> , Vol. 16, No. 24, 6 pages (Dec. 15, 1991).		
		LAURENT-LUND, C. et al., "PECVD Grown Multiple Core Planar Waveguides with Extremely Low Interface Reflections and Losses," <i>IEEE Photonics Technology Letters</i> , Vol. 10, No. 10, pp. 1431-1433 (Oct. 1998).		
		LEE et al., "Effect of size and roughness on light transmission in a S/SiO ₂ sub.2 waveguide: Experiments and model," Department of Materials Science and Engineering, Massachusetts Institute of Technology, (Jul. 12, 2000).		
		LEE et al. "Effects of interfacial layer growth on the electrical characteristics of thin titanium oxide films on silicon," <i>Applied Physics Letters</i> , 74(21), 3143-3145, (May 1999).		
		LOVE, J.D. et al., "Quantifying Loss Minimisation in Single-Mode Fibre Tapers," <i>Electronics Letters</i> , 22(17):912-914 (1986).		
		MARDARE et al. "On the structure of Titanium Oxide Thin Films," <i>Analele Stiintifice Ale Universitatii AL. I. Cuza IASI</i> , Vol. XLV-XLVI, 201-208 (1999).		
		MARQUES, P.V.S. et al., "Planar Silica-on-Silicon Waveguide Lasers Based in Two Layer Core Devices," 10. sup.th European Conference on Integrated Optics, Session WeB2, pp. 79-82 (2001).		
		MEIJERINK et al. LUMINESCENCE OF AG ⁺ IN CRYSTALLINE AND GLASSY SrB ₂ O ₇ , <i>Journal of Physics and Chemistry of Solids</i> , Vol. 54, No. 8, pp. 901-906, (1993).		
		MESNAOUI et al. "Spectroscopic properties of Ag ⁺ ions in phosphate glasses of NaPO ₃ -AgPO ₃ system", <i>European Journal Of Solid State And Inorganic Chemistry</i> , Vol. 29, pages 1001-1013, (1992).		
		MITOMU, O. et al., "Design of a Single-Mode Tapered Waveguide for Low-Loss Chip-to-Fiber Coupling," <i>IEEE Journal of Quantum Electronics</i> , 30(8):1787-1793 (1994).		
		MIZUNO et al. "Temperature dependence of oxide decomposition on titanium surfaces in UHV," submitted to <i>Journal of Vacuum Science and Technology</i> , (October 28, 2001).		
		OHKUBO et al., "Polarization-Insensitive Arrayed-Waveguide Grating Using Pure Si ₃ N ₄ Cladding," Fifth Optoelectronics and Communication Conference (OECC 2000) Technical Digest, 2 pages (Jul. 2000).		
		OHMI et al., "Rare earth metal oxides for high-K gate insulator," Tokyo Institute of Technology, (date unknown).		
		OHTSUKI et al., "Gain Characteristics of a high concentration Er ³⁺ -doped phosphate glass waveguide", <i>J. Appl. Phys.</i> 78(6), pp. 3617-3621 (1995).		
		ONO et al., "Design of a Low-loss Y-branch Optical Waveguide," Fifth Optoelectronic and Communications Conference (OECC 2000) Technical Digest, 2 pages (Jul. 2000).		

Examiner Signature	/Peter Radkowski/	Date Considered	10/10/2008
--------------------	-------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.R./

IDS Form PTO SB 00 Substitu for form 1448A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10,650,461
				Filing Date	August 27, 2003
				First Named Inventor	DAWES.
				Art Unit	2883
				Examiner Name	Frank G. FONT
Sheet	10	of	12	Attorney Docket Number	09140-0025-00000

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation		
		PADMINI et al. "Realization of High Tunability Barium Strontium Titanate Thin Films by RF Magnetron Sputtering," College of Engineering, University of California, Santa Barbara (date unknown).			
		PAN et al., "Planar Er3+-doped aluminosilicate waveguide amplifier with more than 10 dB gain across C-band," Optical Society of America, 3 pages (2000).			
		PETERS et al., "Formation mechanism of silver nanocrystals made by ion irradiation of Na ⁺ --Ag ⁺ ion-exchanged sodalime silicate glass", <i>Nuclear Instruments and Methods in Physics Research B</i> 168, pp. 237-244 (2000).			
		RAJARAJAN, M. et al., "Numerical Study of Spot-Zise Expanders for an Efficient OEIC to SMF Coupling," <i>IEEE Photonics Technology Letters</i> , 10(8):1082-1084 (1998).			
		RAMASWAMY et al., "Ion-Exchanged Glass Waveguides: A Review", <i>Journal of Lightwave Technology</i> , Vol. 6, No. 6, pp. 984-1001 (1988).			
		ROBERTS et al., "The Photoluminescence of Erbium-doped Silicon Monoxide," Department of Electronics and Computer Science, 7 pages (Jun. 1996).			
		Sanyo Vacuum Industries Co., Ltd. Products Info, TiO ₂ , http://www.sanyovac.co.jp/Englishweb/products/ETiO2.htm (2003).			
		SCHERMER, R. et al., "Investigation of Mesa Dielectric Waveguides," Proceedings of the OSA Integrated Photonics Research Topical Meeting and Exhibit, Paper No. IWB3 (Jun 2001).			
		SCHILLER et al. "PVD Coating of Plastic Webs and Sheets with High Rates on Large Areas," European Materials Research Society 1999 Spring Meeting, Strasbourg, France (June 1 1999).			
		Second International Symposium of Polymer Surface Modification: Relevance to Adhesion, Preliminary Program (1999).			
		Seventh International Conference on TiO ₂ Photocatalysis: Fundamentals & Applications, Toronto, Ontario, Canada, Final Program (November 17-21, 2002)			
		SEWELL, P. et al., "Rib Waveguide Spot-Size Transformers: Modal Properties," <i>Journal of Lightwave Technology</i> , 17(5):848-856 (1999).			
		SHAW et al. "Use of Vapor Deposited Acrlate Coatings to Improve the Barrier Properties of Metallized Film," Society of Vacuum Coaters 505/856-7168, 37th Annual Technical Conference Proceedings, pp. 240-244 (1994).			
		SHIN et al. "Dielectric and Electrical Properties of Sputter Grown (Ba,Sr)TiO ₃ Thin Films," <i>J. Appl. Phys.</i> , Vol. 86, No. 1, pp. 506-513 (July 1 1999).			
		SHMULOVICH et al., "Recent progress in Erbium-doped waveguide amplifiers," Bell Laboratories, 3 pages (1999).			
		SLOOFF et al., "Optical properties of Erbium-doped organic polydentate cage complexes", <i>J. Appl. Phys.</i> 83, pp. 497-503 (Jan. 1998).			
		SMITH, R.E., "Reduced Coupling Loss Using a Tapered-Rib Adiabatic-Following Fiber Coupler," <i>IEEE Photonics Technology Letters</i> , 8(8):1052-1054 (1996).			
		STROHOFER et al. "Energy transfer to Er ³⁺ in Ag ion-exchanged glass", FOM Institute for Atomic and Molecular Physics, 10 pages (date unknown).			
		SUGIYAMA et al., "Gas Permeation Through the Pinholes of Plastic Film Laminated with Aluminium Foil," <i>Vuoto</i> , Vol. XXVIII, N. 1-2 - Gennaio-Guigno (1999).			
Examiner Signature	/Peter Radkowski/			Date Considered	10/10/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.R./

DS Form PTO SB 33 Substitution form 1449A PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10,650,461
				Filing Date	August 27, 2003
				First Named Inventor	DAWES.
				Art Unit	2883
				Examiner Name	Frank G. FONT
				Attorney Docket Number	09140-0025-00000
Sheet	11	of	12		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		Translation
		TERVONEN, A., "Challenges and opportunities for integrated optics in optical networks," Part of the SPIE Conference in Integrated Optics Devices III, SPIE vol. 3620, pp. 2-11 (Jan. 1999).		
		TING et al., "Study of planarized sputter-deposited SiO ₂ ," <i>J. Vac. Sci. Technol.</i> , 15(3) pp. 1105-1112 (May/Jun. 1978).		
		TREICHEL et al., "The influence of pulsed magnetron sputtering on topography and crystallinity of TiO ₂ films on glass," <i>Space and Coatings Technology</i> , Vol. 123, pp. 268-272 (2000).		
		VAN DOVER, R.B. "Amorphous Lanthanide-Doped TiO ₂ Dielectric Films," <i>Appl. Phys. Lett.</i> , Vol. 74, No. 20, pp. 3041-3 (May 17 1999).		
		VILJANEN et al., "Planar Optical Coupling Elements for Multimode Fibers with Two-Step Ion Migration Process", <i>Applied Physics</i> , 24, No. 1, pp. 61-63 (January 1981).		
		VILLEGAS et al., "Optical spectroscopy of a soda lime glass exchanged with silver", <i>Physics and Chemistry of Glasses</i> 37(6), pp. 248-253 (1996).		
		VON ROTTKAY et al. "Influence of stoichiometry on electrochromic cerium-titanium oxide compounds," Lawrence Berkeley National Laboratory, UC Berkeley, CA, (date unknown).		
		WESTLINDER et al. "Simulation and Dielectric Characterization of Reactive dc Magnetron Cosputtered (Ta ₂ O ₅) _{1-x} (TiO ₂) _x Thin Films," <i>J. Vac. Sci. Technol. B</i> , Vol 20, No. 3, pp. 855-861 (May/Jun 2002).		
		WILKES, Kenneth T. "Gas Permeation Through Vacuum Barrier Films and its Effect on VIP Thermal Performance," Vacuum Insulation Panel Symp., Baltimore, Maryland (May 3 1999)		
		YANAGAWA, H. et al., "Index-and-Dimensional Taper and Its Application to Photonic Devices," <i>Journal of Lightwave Technology</i> , 10(5):587-591 (1992).		
		YOSHIKAWA, K. et al., "Spray formed aluminium alloys for sputtering targets," <i>Power Metallurgy</i> , Vol. 43, No. 3 (2000)		
		ZHANG, Hongmei et al. "High Dielectric Strength, High k TiO ₂ Films by Pulsed DC, Reactive Sputter Deposition," (2001).		
		Office Action issued on November 28, 2001 in U.S. Patent No. 6,506,289 (Attorney Docket No. 09140-0002-01).		
		Response to Office Action filed on February 20, 2002 in U.S. Patent No. 6,506,289 (Attorney Docket No. 09140-0002-01).		
		Office Action issued on April 17, 2002 in U.S. Patent No. 6,506,289 (Attorney Docket No. 09140-0002-01).		
		Response to Office Action filed on July 17, 2002 in U.S. Patent No. 6,506,289 (Attorney Docket No. 09140-0002-01).		
		Office Action issued on May 2, 2002 in U.S. Patent No. 6,533,907 (Attorney Docket No. 09140-0004-00).		
		Response to Office Action filed on September 3, 2002 in U.S. Patent No. 6,533,907 (Attorney Docket No. 09140-0004-00).		
		Office Action issued on February 12, 2004 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).		

Examiner Signature	/Peter Radkowski/	Date Considered	10/10/2008
--------------------	-------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.R./

IDS Form PTO SB 08 Substitution for form 1462A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/650,481
		Filing Date	August 27, 2003
		First Named Inventor	DAWES.
		Art Unit	2883
		Examiner Name	Frank G. FONT
		Attorney Docket Number	09140-0025-00000
Sheet	12	of	12

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ²
		Response to Office Action filed on August 10, 2004 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).	
		Office Action issued on September 10, 2004 in U.S. Serial No. 09/903,081 (Attorney Docket No. 09140-0014-00).	
		Office Action issued on May 14, 2003 in U.S. Serial No. 10/101,492 (Attorney Docket No. 09140-0015-00).	
		Response to Office Action filed on August 14, 2003 in U.S. Serial No. 10/101,492 (Attorney Docket No. 09140-0015-00).	
		Office Action issued on September 3, 2003 in U.S. Serial No. 10/101,492 (Attorney Docket No. 09140-0015-00).	
		Response to Office Action filed on March 3, 2004 in U.S. Serial No. 10/101,492 (Attorney Docket No. 09140-0015-00).	
		Office Action issued on February 24, 2004 in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140-0016-00).	
		Response to Office Action filed on July 23, 2004 in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140-0016-00).	
		Office Action issued on October 6, 2004 in U.S. Serial No. 10/101,863 (Attorney Docket No. 09140-0016-00).	
		Office Action issued on October 22, 2003 in U.S. Serial No. 10/101,341 (Attorney Docket No. 09140-0017-00).	
		Response to Office Action filed on February 23, 2004 in U.S. Serial No. 10/101,341 (Attorney Docket No. 09140-0017-00).	
		Office Action issued on June 10, 2004 in U.S. Serial No. 10/101,341 (Attorney Docket No. 09140-0017-00).	
		Response to Office Action filed on December 08, 2004 in U.S. Serial No. 10/101,341 (Attorney Docket No. 09140-0017-00).	
		Office Action issued on May 4, 2004 in U.S. Serial No. 10/101,493 (Attorney Docket No. 09140-0021-00).	
		International Search Report issued on November 21, 2003 in PCT/US03/24809 (Attorney Docket No. 09140-0025-00).	
		International Search Report issued on October 11, 2004 in PCT/US2004/005531 (Attorney Docket No. 09140-0030-00).	
		Written Opinion issued on October 11, 2004 in PCT/US2004/005531 (Attorney Docket No. 09140-0030-00).	

Examiner Signature	/Peter Radkowski/	Date Considered	10/10/2008
--------------------	-------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /P.R./